



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Mark A. Stan *et al.*

Serial No.: 09/885,319

Group Art Unit: 1753

Filed: June 19, 2001

Examiner: Mutschler, Brian L.

For: **An Apparatus And Method For
Optimizing The Efficiency Of
Germanium Junctions In Multi-
Junction Solar Cells**

White & Case Docket No.: 1613370-0006

#15/w.m.
6/4/03

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May 15, 2003

Melissa McCool
Name


Signature

May 15, 2003
Date

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the Patent Office of all references coming to the attention of Applicants or attorneys or agents for Applicants which are or may be material to the examination of the subject application, Attorneys for Applicants hereby invite the Examiner's attention to the reference(s) listed on the accompanying PTO Form SB/08A.

Identification of references listed on the attached PTO form is not to be construed as an admission of Applicants or attorneys for Applicants that such references are material or available as prior art against the subject application. The right is reserved to antedate any item in accordance with standard procedure.

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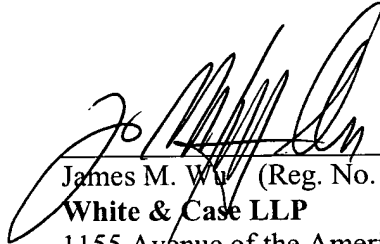
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This submission is understood to complement the results of the Examiner's own independent search. The submission should not be construed as a representation that a search was made, or that the cited items are inclusive of all the relevant and material citations that may be available publicly.

Copies of the cited references are enclosed. Applicants respectfully request that the Examiner review the attached references and that they be made of record in the file history of the above-captioned application.

Applicants believe that the fee due in connection with the filing of this Information Disclosure Statement is \$180.00 (see attached Fee Transmittal). However, in the event that additional fees are required, then such fees are hereby authorized to be charged to White & Case LLP Deposit Account 23-1703.

Dated: May 15, 2003



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1613370-0006

SHARPS, "Growth and Development of GaInAsP for Use in High-Efficiency Solar Cells", October 1994, NREL, pp. 1-27

Date Considered

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